Lists - Python and Q Cheat Sheet

by Bodon via cheatography.com/67387/cs/16919/

Indexing

Function	Python	Q
by integer	`l[2]`	`l[2]`
first/last		`first l last l`
from back	`l[-2]`	`l[count[l] - 2`
omiting brackets		`l 2`
by list	`[l[i] for i in [2, 1]]`	`l[2 1]`
multi--dimens-ional	`l[1][2]`	`l[1][2] l[1; 2]`
eliding index		`l[; 1]`
multi--dimens-ional by list		`l . 1 2`
multi--dimens-ional by list of lists		`l ./: 1 2; 0 0`

Modification

Function	Python	Q
append single item	`l.appe nd(3)`	`l,: 3`
append multiple items	`l.exte nd([5, 2])`	`l,: 5 2`
append dictionary keys	`l.exte nd(d)`	`l,: key d`
append dictionary values	`l.exte nd( d.v alu es())`	`l,: d`
insert	`l.inse rt(i, 7)`	`l: (i#l), 7, i _ l`
clear	`l.clear()`	`l: 0#l`
pop	`l.pop()`	`l: -1 _ l`
delete element	`l.remo ve(3)`	`l: l except 3`
delete multiple element	`[e for e in l1 if e not in l2]`	`l: l except l2`
delete by index	`del l[3]`	`l: l _ 3`

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